

AMENDMENT TO THE SPECIFICATION

Please replace the Abstract with the following replacement Abstract.

The present invention provides a variety of microfluidic devices and methods for conducting assays and syntheses. The devices include a solid substrate layer having a surface that is capable of attaching ligand and or anti-ligand, and an elastomeric layer attached to said surface. Preferred embodiments have deflectable membrane valves and pumps, for example, rotary pumps associated therewith.

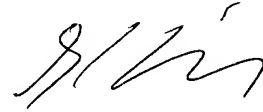
RESPONSE/ARGUMENTS

Applicants have provided a replacement Abstract. Support for the amendment may be found at, for example, page 2, of the specification.

CONCLUSION

Applicants believe the application is in proper condition for substantive examination. Accordingly, Applicants respectfully request examination. If a telephone conference may be helpful, Applicants' counsel may be contacted at the number below.

Respectfully submitted
under 37 C.F.R. §1.34(a),



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